

MODIS TECHNICAL TEAM MEETING

September 6, 1995

The MODIS Technical Team Meeting was chaired by Vince Salomonson. Present were Harry Montgomery, Bill Barnes, David Herring, Barbara Putney, Dorothy Hall, Ed Masuoka, Catherine Harnden, Bruce Guenther, Steve Ungar, and Locke Stuart.

1.0 SCHEDULE OF EVENTS

Sept. 13 - 14 MODIS Calibration Peer Review at SBRC
Sept. 13 - 14 Snow and Ice Workshop, first day in Reston and second day at GSFC
Sept. 14 "MODIS-light" Follow-up Presentation by Paul Westmeyer and Steve Neeck to the Technical Team
Nov. 13 - 17 MODIS Science Team Meeting at GSFC

2.0 MINUTES OF THE MEETING

2.1 MCST Reports

Guenther reported that he is discussing the possibility with Breault of them conducting further spurious response studies. A primary focus of the additional studies would be effects from particulate contamination. Guenther said MCST would like to better understand the relative benefits of fixing the optics versus the tradeoff in controlling contamination when MODIS is launched into orbit.

MCST has devised a schedule for delivery of its revised ATBD {when?} and Science Team member audits. Guenther pointed out that if there is a furlough in effect for more than a week, then that schedule could slip.

2.2 SDST Reports

Masuoka reported that a draft of the MODIS Data Product Catalog is ready for review by the Science Team. He plans to make the document available to the Science Team via the World Wide Web.

Masuoka announced that the MODIS Software and Data Management Plan will soon be sent to the Team Leader for approval. This document contains schedules from MCST and SDST to meet delivery deadlines.

December 1995 is the deadline for delivery of the first draft of the MODIS Science Validation Plan. This document discusses all standard products and describes how they will be validated. This document will be sent to Dave Starr, EOS Validation Scientist, for approval.

Regarding the MODIS Quality Assurance Plan, Masuoka said he needs more input--both from Bob Lutz and the Science Team. He noted that this plan refers to "quality assurance on the fly," which is separate from validation.

Masuoka reported that there will be another quarterly review of software in October 1995 at which Piers Sellers will ask for a status update. NASA HQ and EOS Project Office personnel will participate in that review.

2.3 MAST Reports

Stuart announced that EOS Project requests that MODIS report monthly on the technical status of MODIS science at the Project Status Reviews. Stuart will obtain more details on what is expected by EOS Project in those status reports and report to the Technical Team.

Herring presented a strawman agenda for the upcoming MODIS Science Team Meeting. He asks that team members with particular interests for discussion topics at the next meeting forward their suggestions to him at herring@ltpmail.gsfc.nasa.gov.

3.0 ACTION ITEMS

1. *Masuoka* : Cost out bringing up a MODIS test string in January 1996 at EDC and forward the information to Steve Kempler.
2. *Discipline Group Leaders*: Identify contacts with appropriate IDS investigators, and encourage regular interaction.
3. *MCST*: Consider Yoram Kaufman's concerns and prepare an explanation or brief presentation for the Technical Team as to which unit is best suited for MODIS' Level 1 data--radiance or reflectance.
4. *MAST*: Begin preparing the Agenda for the next MODIS Science Team Meeting--begin planning topics for 2-hour to half a day roundtable discussions and team members to moderate them. Also, allow time for a 1- to 1.5-hour Discipline Group Splinter Session on the first day.
5. *Dave Diner & Ed Masuoka*: MODIS and MISR need to settle on a protocol(s) to deal with Level 1 and Level 2 data sets to be passed between the two teams to produce joint products. Report at the next SWAMP Meeting.
6. *Guenther*: Report the modeled results of the 1,000K source for SBRC's integration and alignment collimator to the Technical Team. [These data are forthcoming.]
7. *Fleig and Ungar*: Interact with the group leaders to develop a MODIS data simulation plan for review at the next Science Team Meeting. [Work on this item is still in progress. Simulated data are now available via FTP, and a white paper is forthcoming from Fleig.]